

REMARKS

Favorable reconsideration is requested in view of the above amendments and the following remarks.

In response to the Examiner's rejections in the office action, claims 1-3, 12-14, and 23-25 are deleted. Claims 4, 5, 9, 11, 15, 16, 20, 22, 26, 27, 31, and 33 are amended. The amended claims contain no new matter nor raise new issues.

1. Allowable Subject Matter

Applicants wish to thank Examiner Gantt for indicating allowance of the subject matter in claims 4, 6-8, 10, 15, 17-19, 21, 26, 28-30, and 32. Claims 4, 15, and 26 have been amended and rewritten in independent form respectively. The amended claims 4, 15, and 26 include necessary limitations of their corresponding base claims. Claims 6-8, and 10 are directly or indirectly dependent upon amended claim 4. Claims 17-19, and 21 are directly or indirectly dependent upon amended claim 15. Claims 28-30, and 32 are directly or indirectly dependent upon amended claim 26.

2. Objections of Claims 2, 13, and 24

Claims 2, 13, and 24 have been cancelled. The term "determined factor" is used in amended claims 4, 15, and 26. In amended claims 4, 15, and 26, the term "determined factor" is equal to "the received SIR of mobile station i at the n th iteration $\gamma_i^{(n)}$ over the SIR requirement threshold at the basestation for mobile station i β_i ". Therefore, the term "determined factor" is well defined.

3. Rejections of Claim 3 Under 35 U.S.C. §112

Claim 3 has been cancelled. The term “determined factor” is used in amended claims 4, 15, and 26. In amended claims 4, 15, and 26, the term “determined factor” is equal to “the received SIR of mobile station i at the n th iteration $\gamma_i^{(n)}$ over the SIR requirement threshold at the basestation for mobile station i β_i ”. Therefore, the term “determined factor” is well defined.

Moreover, the term “determined factor $\rho^{(n)}$ ” is discussed in paragraph [0026], and also discussed from paragraph [0045] to paragraph [0049] in the application. Both the definition and the selection of the “determined factor $\rho^{(n)}$ ” are described. Therefore, the application provides sufficient antecedent basis for the term “determined factor $\rho^{(n)}$ ”.

4. Rejections of Claims 1, 12, and 23 Under 35 U.S.C. §102

In response to this rejection, claims 1, 12, and 23 have been cancelled.

5. Rejections of Claims 2, 3, 5, 9, 11, 13, 14, 16, 20, 22, 24, 25, 27, 31, and 33 Under 35 U.S.C. §103

Claims 2, 3, 13, 14, 24, and 25 have been cancelled.

The amended claims 5, 9, and 11 are dependent upon claim 4. The amended claims 16, 20, and 22 are dependent upon claim 15. The amended claims 27, 31, and 33 are dependent upon claim 26. Since claims 4, 15, and 26 have been indicated allowable, the dependent claims 5, 9, 11, 16, 20, 22, 27, 31, and 33 should be allowable.

6. Amendments to the summary of the invention

The amendment to the summary of the invention is intended to provide consistency with the terms used in the claims.

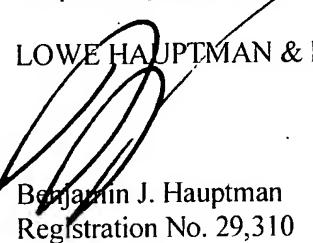
7. Conclusion

Having overcome the rejections in the Office Action, withdrawal of the rejections and expedited passage of the application to issue are requested. If there are any remaining issues to be resolved, the applicants request that the Examiner contact the undersigned attorney for a telephone interview.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any excess fees to such deposit account.

Respectfully submitted,

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TRANSMISSION POWER CONTROL METHOD AND SYSTEM FOR CDMA
COMMUNICATION SYSTEM
Application No. 10/073,183
Inventor: Szu Lin SU
Annotated Sheet Showing Changes

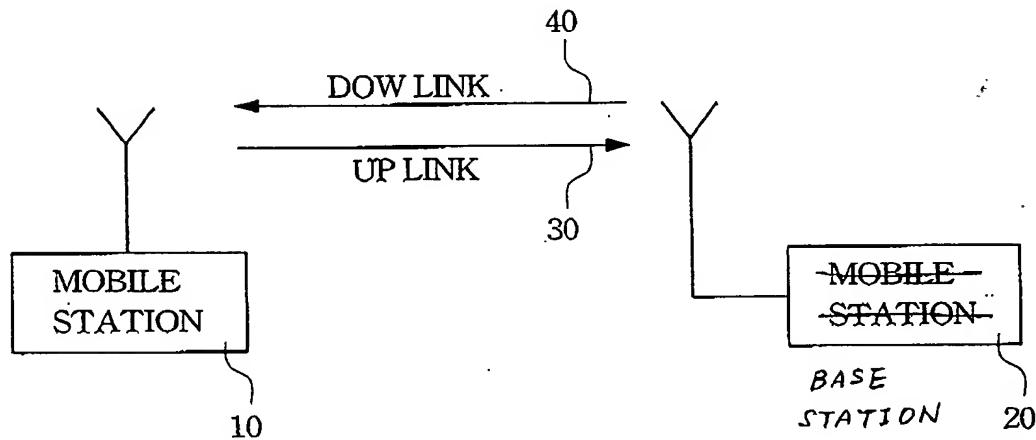


Fig. 2
(PRIOR ART)